



Db 7482 CGGCCACACCTTCCACTTGCATG 7505

RESULT 2

US-09-764-868-1379/c  
; Sequence 1379, Application US/09764868  
; Patent No. US2002016871A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PT32  
; CURRENT APPLICATION NUMBER: US/09/764,868  
; PRIOR FILING DATE: 2001-01-17  
; PRIOR APPLICATION data removed - refer to PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 1510  
; SOFTWARE: Patentln Ver. 2.0  
; SEQ ID NO 1379  
; LENGTH: 148  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-764-868-1379

Query Match 7.4%: Score 148; DB 9; Length 148;  
Best Local Similarity 100.0%; Pred. No. 3.2e-32;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 48 AACCCGACCTGTAGAGTTCTTGGCTGCTGGGCCCTTGAGTCCACCATCATGCC 107

Db 148 AACCCGACCTGTAGAGTTCTTGGCTGCTGGGCCCTTGAGTCCACCATCATGCC 89

Qy 108 TATCCGTCTGTGACATATCTGCTCCGACTTCTTGATCTATCCCGAGCTGGCCG 167

Db 88 TATCCGTCTGTGACATATCTGCTCCGACTTCTTGATCTATCCCGAGCTGGCCG 29

Qy 168 CATCCACTGGGGCCACACCTTCCACTG 195

Db 28 CATCCACTGGGGCCACACCTTCCACTG 1

RESULT 3

US-09-834-975-948  
; Sequence 948, Application US/09834975  
; Patent No. US20020110815A1  
; GENERAL INFORMATION:  
; APPLICANT: Lillie, James  
; APPLICANT: Brown, Jeffrey  
; APPLICANT: Bolt, Andrew  
; APPLICANT: Van Hufel, Christophe  
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS AND METHODS  
; TITLE OF INVENTION: FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY  
; FILE REFERENCE: MRI-0168  
; CURRENT APPLICATION NUMBER: US/09/834,975  
; PRIOR FILING DATE: 2001-04-13  
; PRIOR APPLICATION NUMBER: 60/197,538  
; PRIOR FILING DATE: 2000-04-14  
; NUMBER OF SEQ ID NOS: 1046  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 948  
; LENGTH: 4246  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-834-975-948

Query Match 2.6%: Score 51.8; DB 10; Length 4246;  
Best Local Similarity 47.9%; Pred. No. 0.00031;  
Matches 149; Conservative 0; Mismatches 162; Indels 0; Gaps 0;

Qy 297 TCTTGGCCAGAGAGAGATGTTCTTGATCGAGATTCTTAAGAAATGAGACAA 356

Db 765 TCGAGAGCAGCAGAGAGAGAGAGAGAGCCAGCAAGAACCTGAGAGAAAGTGGCTGC 824

Qy 357 TGTACAGCCACGCTTCCAGAAAGACAGAGAAACGACAGCAGCTCATCGA 416

Db 825 CCTGACAGTCCACCTGGCTGATACCAAGAAAGTAGATGACAGCTGGGAACAATTGA 884

Qy 417 CACTTGGCCGATACCGTGGAGAGCAATGCTACTGTGCTATCTCTGACAGCGCTT 476

Db 885 AAGTCTGGAGAAAGCCAGAGAAAGCTTTGAAAGACCGCGAGCCCTGAGCCAGCGCT 944

Qy 477 GGGCAAGCCGAGATGCTGTCTCACACTGAAAGAGCAGATGACTTATAGACAGCA 536

Db 945 GGAGAGAAAGCACTGGCGTATGACAACTGAGAGAACCAACACCGCTGACAGAGGA 1004

Qy 537 GCAGATGAGACCAACAAACAGACAGAGAGCGCGCGGCTTACAGACAGATGAAGAC 596

Db 1005 GCTGAGACGACCTCAGGTGAGCTGAGACACAGCCAGCCAGCTGCCCTCAACTTGGAGAA 1064

Qy 597 CATGAGACAGA 607

Db 1065 GAGCAGAAAGA 1075

RESULT 4

US-09-954-456-2215  
; Sequence 2215, Application US/09954456  
; Patent No. US20020115057A1  
; GENERAL INFORMATION:  
; APPLICANT: Young, Paul  
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using C  
; TITLE OF INVENTION: Sets  
; FILE REFERENCE: 689290-76  
; CURRENT APPLICATION NUMBER: US/09/954,456  
; PRIOR FILING DATE: 2001-09-18  
; PRIOR APPLICATION NUMBER: US/60/233,617  
; PRIOR FILING DATE: 2000-09-18  
; PRIOR APPLICATION NUMBER: US/60/234,052  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: US/60/234,923  
; PRIOR FILING DATE: 2000-09-25  
; PRIOR APPLICATION NUMBER: US/60/235,134  
; PRIOR FILING DATE: 2000-09-25  
; PRIOR APPLICATION NUMBER: US/60/235,637  
; PRIOR FILING DATE: 2000-09-26  
; PRIOR APPLICATION NUMBER: US/60/235,638  
; PRIOR FILING DATE: 2000-09-26  
; PRIOR APPLICATION NUMBER: US/60/235,711  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: US/60/235,720  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: US/60/235,840  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: US/60/235,863  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 2276  
; SOFTWARE: Patentln version 3.0  
; SEQ ID NO 2215  
; LENGTH: 7596  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-954-456-2215

Query Match 2.6%: Score 51.8; DB 10; Length 7596;  
Best Local Similarity 47.9%; Pred. No. 0.00045;  
Matches 149; Conservative 0; Mismatches 162; Indels 0; Gaps 0;

Qy 297 TCTTGGCCAGAGAGAGATGTTCTTGATCGAGATTCTTAAGAAATGAGACAA 356

Db 4123 TCGAGAGCAGCAGAGAGAGAGAGAGAGCCAGCAAGAACCTGAGAGAAAGTGGCTGC 4182

Qy 357 TGTACAGCCACGCTTCCAGAAAGACAGAGAAACGACAGCCAGTCAATCGA 416

Db 4183 CCTGAGTCCCAATTTGGCTGATACCAAGAAAGATGATGACACTTGGGAATTTGA 4242

Qy 417 CACTTGGCGGATACCTTGAAGACGCAATGCTACTGTGATATCTCTGACAGAGCCCTT 476

Db 4243 AAGCTGGAAGAACCAAGAAAGCTTCTGAAGAGCGCGAGCCCTGAGCCGCGCT 4302  
QY 477 GGGCAAGGCCAGATGCTGTCTCCACTGAAAGAGCATGATGACTTACAGCAGCA 536  
Db 4303 GGAGGAGGAAGCACTGCTGATGACAAACTGGAGAGACCAAGACCGCTGAGCAGGA 4362  
QY 537 GGAGATGAGACCAACAAGACAGAGAGGCGGCGCTCAGAGCAAGATGAAGAC 596  
Db 4363 GCTGAGCAGCTACAGCGTGGACCTGGACCAACAGCGCCAGGTGGCTCCAACTTGAGAA 4422  
QY 597 CATGGAGCAGA 607  
Db 4423 GAAGCAGAGA 4433

RESULT 5  
US-09-962-832-225  
; Sequence 225, Application US/09962832  
; Patent No. US20020110821A1  
; GENERAL INFORMATION:  
; APPLICANT: Ebnert, Reinhard  
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu  
; FILE REFERENCE: 689290-74  
; CURRENT APPLICATION NUMBER: US/09/962,832  
; PRIOR FILING DATE: 2001-09-25  
; PRIOR APPLICATION NUMBER: US/60/235,077  
; PRIOR FILING DATE: 2000-09-25  
; PRIOR APPLICATION NUMBER: US/60/235,280  
; NUMBER OF SEQ ID NOS: 259  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 225  
; LENGTH: 2108  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-962-832-225

Query Match 2.6%; Score 51.6; DB 10; Length 2108;  
Best Local Similarity 55.6%; Pred. No. 0.00023;  
Matches 99; Conservative 0; Mismatches 79; Indels 0; Gaps 0;  
QY 513 GCAGATGAAGTACTTGAAGCAGCAGCAGATGATGACCAACAAGAGAGGCGGG 572  
Db 1142 GCAGCTGAAGCAGCTAGAGAGCAGCAGGCGCCAAAGCAGCTGAGAGAGAGAGG 1201  
QY 573 CCGGCTCAGAGCAGATGAAGACCATGAGCAGATTGACCTTCTACTCCAGAGCAGCT 632  
Db 1202 GCAGCTGAAGCAGCTGTGTCAGCAGAGGCGGCGAGCTGAAGCATCTGTGTCAGCAGAGG 1261  
QY 633 CCCTGAGTGGAGGATGATCCGAGACATGGGTGTGGACATCGCGTGAACAG 690  
Db 1262 GCAGCTGAGACAGCAGAGAGGAGGTGAGCAGCTGAGACAGCAGAGTGGGAGCTG 1319

RESULT 6  
US-09-969-852-4  
; Sequence 4, Application US/09969852  
; Patent No. US2002013711A1  
; GENERAL INFORMATION:  
; APPLICANT: Liu, Tianyan  
; APPLICANT: Liu, Huiwen  
; APPLICANT: Li, Wei  
; APPLICANT: Zhao, Libin  
; TITLE OF INVENTION: A METHOD FOR ESTABLISHING AN EXPRESSION SYSTEM OF SPIDER DRAGLINE  
; FILE REFERENCE: LIU-65  
; CURRENT APPLICATION NUMBER: US/09/969,852  
; CURRENT FILING DATE: 2001-10-04  
; PRIOR APPLICATION NUMBER: CN01106406.4  
; PRIOR FILING DATE: 2001-01-02  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 4  
; LENGTH: 1852  
; TYPE: DNA  
; ORGANISM: Nephila clavipes  
US-09-969-852-4

Query Match 2.4%; Score 47.8; DB 10; Length 1852;  
Best Local Similarity 45.4%; Pred. No. 0.0025;  
Matches 212; Conservative 0; Mismatches 252; Indels 3; Gaps 1;  
QY 463 CTGCAGAGGCTTGGGCAAGGCCAGATGCTGTGCTCCACTGAAAGACGATGAAG 522  
Db 911 CAGCTGAGAGTGGCGGACAGGAGGATTAAGTGACAAAGTGTGCAAGAGAGCTGGAG 970  
QY 523 TACTTAGACAGCAGAGATGAGACCAACAAGCACAAGAGAGGCGCGGCTCAGG 582  
Db 971 CAGCCGCTCAGCAGCTGTGGTGGCGGAGCAAGG--AGGATATGAGAGTCTTGAAGACC 1027  
QY 583 AGCAAGATGAAGACCATGAGCAGATTGAGCTTCTACTCCAGAGCAGCTCCCTGAGGTG 642  
Db 1028 AAGTCTGAGCAGAGTGGACAAAGTGCACAGCAGCAGCAGCTGAGAGTGTGACAAAG 1087  
QY 643 GAGGAGATGATCCGAGACATGGGTGTGGACAGTCAAGCGGTGGAACAGCTGTGTAC 702  
Db 1088 GAGGATATGAGAGTCTTGAAGCCCAAGGTGACAGCAGAGGTGATTAAGTGACAAAGTGTG 1147  
QY 703 TGTGTCTCTCAAGAAAGTACGAGATCTTAAAGAGGACGAGAGGCTTGAAGGAG 762  
Db 1148 CAGGTGACAGCAGCAGCAGCTGAGGAGGTGTGACAAAGAGAGATCGGTGTCTTGTGTG 1207  
QY 763 GTGGCTGACAGCTGAGAGAGATTTGTTTCTCCAGAAAGATGACAGACGTCTAC 822  
Db 1208 GACAAAGTCCCGGACAGAGAGGATGAGAGACTTGGAAAGCCAAAGTCTGTGTCAGAGAG 1267  
QY 823 TCTGAATGAGTACGAGCCCAAGTTAGATGAAGTCAAGCTCAAGCAGAGAGCTTACAGAGTGTCT 882  
Db 1268 GATTAGGTGACAAAGGTGACAGCTGACAGCAGCAGCAGCTGAGAGTGTGTCAGAGAGG 1327  
QY 883 GACAAGGAATCATGAGCTGAAAAAAGAGCTTACCATGCTGTGAGGA 929  
Db 1328 GATTAGGTGACAAAGGTGCTGACAAAGAGCTGAGAGCTGAGACCCGCTGCA 1374

RESULT 7  
US-09-864-761-6203/C  
; Sequence 6203, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharon G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
; FILE REFERENCE: Aeomica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 6203
; LENGTH: 475
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC003664.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
US-09-864-761-6203
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Query Match          2.3%; Score 46.6; DB 10; Length 475;
Best Local Similarity 52.9%; Pred. No. 0.0024;
Matches 100; Conservative 0; Mismatches 89; Indels 0; Gaps 0;
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QY 502 ACACGTGAAAAACACATGTAAGTACTTGAAGCGACGACGAGATGAGACCAACAGACACAA 561
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DB 364 AAACAGAAAGAAAGAGAAAGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAA 305
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 562 GAGGAGCGCGCGCGCTCGAGCGAGCAAGATGAAGACCATGAGCAGATTGAGCTTACTC 621
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 304 GAGGAGCGCGCGCGCTCGAGCGAGCAAGATGAAGACCATGAGCAGATTGAGCAGTCAAG 245
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 622 CAGAGCCACGCTCCTGAGCTGGAGGAGATGATCCGAGACATGGGTGTGGACAGTCACGC 681
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 244 GAGGAGGAGAGAGAGAGAGAGAAAGAAAGAAAGAAAGAAAGAGAGAGAGAGAGAGAGAG 185
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 682 GTGGAACAG 690
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DB 184 GAGGAGAG 176
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## RESULT 8

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US-09-864-761-22817/C
; Sequence 22817, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Penn, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecmiga-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
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; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 22817
; LENGTH: 511
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC003664.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
; OTHER INFORMATION: NT HIT: AF254822.1, EVALU 1.00e-06
; OTHER INFORMATION: EST_HUMAN HIT: A1393981.1, EVALU 5.00e-07
US-09-864-761-22817
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Query Match          2.3%; Score 46.6; DB 10; Length 511;
Best Local Similarity 52.9%; Pred. No. 0.0025;
Matches 100; Conservative 0; Mismatches 89; Indels 0; Gaps 0;
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QY 502 ACACGTGAAAAACACATGTAAGTACTTGAAGCGACGACGAGATGAGACCAACAGACACAA 561
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DB 267 AAACAGAAAGAAAGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAA 208
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 562 GAGGAGCGCGCGCGCTCGAGCGAGCAAGATGAAGACCATGAGCAGATTGAGCTTACTC 621
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 207 GAGGAGCGCGCGCGCTCGAGCGAGCAAGATGAAGACCATGAGCAGATTGAGCAGTCAAG 148
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 622 CAGAGCCACGCTCCTGAGCTGGAGGAGATGATCCGAGACATGGGTGTGGACAGTCACGC 681
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 147 GAGGAGGAGAGAGAGAGAGAGAAAGAAAGAAAGAAAGAGAGAGAGAGAGAGAGAGAGAG 88
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QY 682 GTGGAACAG 690
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DB 87 GAGGAGAG 79
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US-09-954-531-988
; Sequence 988, Application US/09954531
; Patent No. US20020165180A1
; GENERAL INFORMATION:
; APPLICANT: Weaver, Zoe
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cando
; FILE REFERENCE: 689290-77
; CURRENT APPLICATION NUMBER: US/09/954,531
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: US/60/233,133
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,009
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,034
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,509
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US/60/234,567
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 1392
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 988
; LENGTH: 3388
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-531-988
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Query Match          2.2%  Score 44:  DB 9:  Length 3388:
Best Local Similarity 47.2%  Pred. No. 0.043:
Matches 134:  Conservative 0:  Mismatches 150:  Indels 0:  Gaps 0:
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QY 530 AGCAGCAGAGATGAGACCAACAAGACAGAGAGAGCGGCGCGCTCAGAGAGAGA 589
    || || || || || || || || || || || || || || || || || || || ||
DB 1013 AGAATAAGCAGAGCGCTGGAGAAAGAGACGACACCTGCGCGGAGAGCTCGCTG 1072
    || || || || || || || || || || || || || || || || || || || ||
QY 590 TGAAGACCATGAGCAGATTTGAGCTTCTACTCCAGAGCCAGCTCCCTGAGTGGAGAGA 649
    || || || || || || || || || || || || || || || || || || || ||
DB 1073 GCCAGGCCAAGCAGGAGGTGGAACATAGAAAGAGCTGGAGGCGGAGTCCAGAGAGC 1132
    || || || || || || || || || || || || || || || || || || || ||
QY 650 TGATCGAGACATGGGTGGGAGCAGTCAGCGGTGGAAGAGCTGGCTGTACTGTGTGT 709
    || || || || || || || || || || || || || || || || || || || ||
DB 1133 TGCAGTCCAAAGTCCAGCATGGGAGCGGCGCGGCGGAGCTCAATGACAAAGTCCACA 1192
    || || || || || || || || || || || || || || || || || || || ||
QY 710 CTCCTCAAGAAAGATGAGAAATCTAAAGAGGACGAGGAGGCTCAGGAGGTGCTG 769
    || || || || || || || || || || || || || || || || || || || ||
DB 1193 AGCTGCAAGATGAAATTGAGAGCGGTCAAGAGGATGCTTAACGAGGCGGAGGAGGCCA 1252
    || || || || || || || || || || || || || || || || || || || ||
QY 770 ACAAGCTGAGGAAGATTTGTTTCTCTCCAGAAAGCAAGTTGCAG 813
    || || || || || || || || || || || || || || || || || || || ||
DB 1253 TTAACTGGCCAAAGAGCAGTGGCGTCCCTCAGTTCCAGCTCCAG 1296
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RESULT 12
US-09-954-531-1382
; Sequence 1382, Application US/09954531
; Patent No. US20020165180A1
; GENERAL INFORMATION:
; APPLICANT: Weaver, Zoe
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cando
; FILE REFERENCE: 689290-77
; CURRENT APPLICATION NUMBER: US/09/954,531
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: US/60/233,133
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,009
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,034
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,509
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US/60/234,567
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; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 1392
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1382
; LENGTH: 3388
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-531-1382
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Query Match          2.2%  Score 44:  DB 9:  Length 3388:
Best Local Similarity 47.2%  Pred. No. 0.043:
Matches 134:  Conservative 0:  Mismatches 150:  Indels 0:  Gaps 0:
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QY 530 AGCAGCAGAGATGAGACCAACAAGACAGAGAGAGCGGCGCGCTCAGAGAGAGA 589
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DB 1013 AGAATAAGCAGAGCGCTGGAGAAAGAGACGACACCTGCGCGGAGAGCTCGCTG 1072
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QY 590 TGAAGACCATGAGCAGATTTGAGCTTCTACTCCAGAGCCAGCTCCCTGAGTGGAGAGA 649
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DB 1073 GCCAGGCCAAGCAGGAGGTGGAACATAGAAAGAGCTGGAGGCGGAGTCCAGAGAGC 1132
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QY 650 TGATCGAGACATGGGTGGGAGCAGTCAGCGGTGGAAGAGCTGGCTGTACTGTGTGT 709
    || || || || || || || || || || || || || || || || || || || ||
DB 1133 TGCAGTCCAAAGTCCAGCATGGGAGCGGCGCGGCGGAGCTCAATGACAAAGTCCACA 1192
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QY 710 CTCCTCAAGAAAGATGAGAAATCTAAAGAGGACGAGGAGGCTCAGGAGGTGCTG 769
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DB 1193 AGCTGCAAGATGAAATTGAGAGCGGTCAAGAGGATGCTTAACGAGGCGGAGGAGGCCA 1252
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QY 770 ACAAGCTGAGGAAGATTTGTTTCTCTCCAGAAAGCAAGTTGCAG 813
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DB 1253 TTAACTGGCCAAAGAGCAGTGGCGTCCCTCAGTTCCAGCTCCAG 1296
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RESULT 13
US-09-954-456-1602
; Sequence 1602, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using C
; FILE REFERENCE: 689290-76
; CURRENT APPLICATION NUMBER: US/09/954,456
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US/60/233,617
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,052
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,923
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,134
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,637
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,638
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,711
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,720
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,840
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,863
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 2276
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1602
; LENGTH: 3388
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-456-1602
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Query Match 2.2%; Score 44; DB 10; Length 3388;  
Best Local Similarity 47.2%; Pred. No. 0.043;  
Matches 134; Conservative 0; Mismatches 150; Indels 0; Gaps 0;

QY 530 ACCAGCAGAGATGATGACCAACAAGCAGAGAGCGCGGCTCAGAGCAAA 589  
DB 1013 ACAAATTAAGCAGCGCTGGAGAAAGAAACGACACTGGCGGAGCGCGGCTCTGG 1072  
QY 590 TGAAGACCATGAGCAGATGAGCTTCTACTCCAGAGCCGCTCCCTGAGTGGAGAA 649  
DB 1073 GCCAGGCCAGCAGAGAGGTGGACATAGAAGAGAGCTGGAGCGCAGTGCAGAGAC 1132  
QY 650 TGATCCGAGACATGGGTGTGGAGACAGTCGCGTGGACAGCTGGCTGTACTGTGTGT 709  
DB 1133 TGCAGTCCAAATGACAGCGATGGGAGCGGCGCGGAGCTCATATGACAAAGTCCACA 1192  
QY 710 CTCCTCAAGAAAGATACGAGATCTTAAAGAGAGCACGAGGCTTCAGGAGGTGGCTG 769  
DB 1193 AGCTCAGAGATGAATGATGGAGCGTACACAGGAGATGCTTAAACAGGCGGAGGAAAGCCA 1252  
QY 770 ACAAGCTGAGAGGATTTGTTTCTCCAGAGCAAGTTGGAG 813  
DB 1253 TTAAGCTGGCCAAAGGACGTGGCGTCCCTCAGTTCCAGCTCCAG 1296

RESULT 14  
US-09-967-768A-245  
; Sequence 245, Application US/09967768A  
; Patent No. US20020150877A1  
; GENERAL INFORMATION:  
; APPLICANT: Augustus, Meena  
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu  
; FILE REFERENCE: 689290-72  
; CURRENT APPLICATION NUMBER: US/09/967,768A  
; PRIOR FILING DATE: 2001-09-28  
; PRIOR APPLICATION NUMBER: US/60/236,109  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US/60/236,034  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US/60/236,111  
; PRIOR FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 325  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 245  
; LENGTH: 3388  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-967-768A-245

Query Match 2.2%; Score 44; DB 10; Length 3388;  
Best Local Similarity 47.2%; Pred. No. 0.043;  
Matches 134; Conservative 0; Mismatches 150; Indels 0; Gaps 0;

QY 530 ACCAGCAGCAGATGATGACCAACAAGCAGAGAGCGCGGCTCAGAGCAAA 589  
DB 1013 ACAAATTAAGCAGCGCTGGAGAAAGAAACGACACTGGCGGAGCGCTGCTGG 1072  
QY 590 TGAAGACCATGAGCAGATGAGCTTCTACTCCAGAGCCGCTCCCTGAGTGGAGAGA 649  
DB 1073 GCCAGGCCAGCAGAGAGGTGGACATAGAAGAGAGCTGGAGCGCAGTGCAGAGAC 1132  
QY 650 TGATCCGAGACATGGGTGTGGAGACAGTCGCGTGGACAGCTGGCTGTACTGTGTGT 709  
DB 1133 TGCAGTCCAAATGACAGCGATGGGAGCGGCGCGGAGCTCATATGACAAAGTCCACA 1192  
QY 710 CTCCTCAAGAAAGATACGAGATCTTAAAGAGAGCACGAGGCTTCAGGAGGTGGCTG 769  
DB 1193 AGCTCAGAGATGAATGATGGAGCGTACACAGGAGATGCTTAAACAGGCGGAGGAAAGCCA 1252  
QY 770 ACAAGCTGAGAGGATTTGTTTCTCCAGAGCAAGTTGGAG 813  
DB 1253 TTAAGCTGGCCAAAGGACGTGGCGTCCCTCAGTTCCAGCTCCAG 1296

RESULT 15  
US-09-880-107-3389  
; Sequence 3389, Application US/09880107  
; Patent No. US20020142981A1  
; GENERAL INFORMATION:  
; APPLICANT: Horne, Darci T.  
; APPLICANT: Vockley, Joseph G.  
; APPLICANT: Scherf, Uwe  
; APPLICANT: Gene Logic, Inc.  
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer  
; FILE REFERENCE: 44921-5028-WO  
; CURRENT APPLICATION NUMBER: US/09/880,107  
; CURRENT FILING DATE: 2001-06-14  
; PRIOR APPLICATION NUMBER: US 60/211,379  
; PRIOR FILING DATE: 2000-06-14  
; PRIOR APPLICATION NUMBER: US 60/237,054  
; PRIOR FILING DATE: 2000-10-02  
; NUMBER OF SEQ ID NOS: 3950  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3389  
; LENGTH: 6457  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 U53786  
US-09-880-107-3389

Query Match 2.1%; Score 42.4; DB 10; Length 6457;  
Best Local Similarity 54.6%; Pred. No. 0.18;  
Matches 107; Conservative 0; Mismatches 86; Indels 3; Gaps 1;

QY 463 CTCGACAGCAGCCTTGGGCAAGGCCGAGATGCTGTGCTCCACTGAAAAAGCAGATGAG 522  
DB 4839 CTGCAAGAGGCGCCGGACCAAGCCGACAGAGATGGGCGGCTGCAGCAGAGCTGCGG 4898  
QY 523 TACTTGA--GCAGCAGCAGATGAGACCAACAAGCAGAGAGAGCGGCGCGCTC 579  
DB 4899 GCTGTGAGAGGACGAGAGCAGCAGACATGCTGACGAGAGAGTGAAGCTGCTC 4958  
QY 580 AGGAGCAGATGAAGACATGAGCAGATTTACTCTCCAGAGCCAGCTCCCTGAG 639  
DB 4959 AGCCAGAGAGCAGAGAGCAGAGCAGAGAGCGGCGCCAGCAGAGAGCTCTGCGG 5018  
QY 640 CTGAGAGAGATGATCC 655  
DB 5019 CTGAGAGCGGCATCC 5034

Search completed: December 13, 2002, 04:43:05  
Job time : 233 secs

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